

INTERNATIONAL SEARCH REPORT

PCT/GB 03/04785

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E21B29/06 E21B7/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 809 775 A (FORTIN ROLAND) 7 March 1989 (1989-03-07) column 3, line 7-22 column 3, line 40-46 figures 1,2	1-6, 9-11, 15-18,25
Y		12,14, 19,21
Y	US 3 225 828 A (WISENBAKER JOHN D ET AL) 28 December 1965 (1965-12-28) figure 2 --- -/-	12,14, 19,21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

16 March 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 04457 A (SHELL INT RESEARCH ;SHELL CANADA LTD (CA)) 15 February 1996 (1996-02-15) page 6, line 11-34 page 7, line 26-33 page 8, line 3,4 figure 1 ---	1-5, 9-11, 15-18,25
A	WO 99 64715 A (SHELL CANADA LTD ;SHELL INT RESEARCH (NL)) 16 December 1999 (1999-12-16) the whole document ---	1,15,16
A	DATABASE WPI Section Ch, Week 197913 Derwent Publications Ltd., London, GB; Class H01, AN 1979-25386B XP002273630 & SU 605 934 A (LEONOV M D), 20 April 1978 (1978-04-20) abstract figure 1 ---	1,15,16
A	US 6 474 415 B1 (OHMER HERVE) 5 November 2002 (2002-11-05) the whole document ---	1,15,16
A	GB 1 091 030 A (COMMISSARIAT ENERGIE ATOMIQUE) 15 November 1967 (1967-11-15) figure 1 -----	1,15,16

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